SEQUENCE LISTING

AUG 2 1 2000

<110> Niklasson, Bo

<120> New Picorna Viruses, Vaccines and Diagnostic Kits

<130> Niklasson 09/147801

<140> 09/147801

<141> 1999-03-11

<150> PCT/SE97/01515

<151> 1997-09-09

<150> SE 9603305-5

<151> 1996-09-11

<160> 4

<170> PatentIn Ver. 2.0

<210> 1

<211> 264

<212> DNA

<213> Picornaviridae

<400> 1

agtotagtot tatottgtat gtgtcctgca ctgaacttgt ttctgtctct ggagtgctct 60 acacttcagt aggggctgta cccgggcggt cccactcttc acaggaatct gcacaggtgg 120 ctttcacctc tggacagtgc attccacacc cgctccacgg tagaagatga tgtgtgtctt 180 tgcttgtgaa aagcttgtga aaatcgtgtg taggcgtagc ggctacttga gtgccagcgg 240 attaccccta gtggtaacac tagc 264

<210> 2

<211> 264

<212> DNA

<213> Picornaviridae

<220>

<221> unsure

<222> (109)

<223> n is A, C, T, or G

<220>

<221> unsure

<222> (223)

<223> n is A, C, T, or G

```
<220>
<221> unsure
<222> (243)
<223> n is A, C, T, or G
<400> 2
agtctagttt cattctgtgt gtgtttggca ctgaaattat ttctg/tctct ggggtgcttt 60
acacttcagt aggggctgta cccgggcggt cccactcttc acaggattnt gcacaggtgg 120
ctttcacctc tggacagtgc attccacacc cgctccacag taga#gatga tgtgtgtctt 180
tgcttgtgaa aagcttgtga aaatcgtgtg taggcgtagc ggn\u00edacttga gtgccagcgg 240
acnacccta gtggtaacac tagc
<210> 3
<211> 264
<212> DNA
<213> Picornaviridae
<400> 3
agtttggttc tctcttgagt gtgttttgtg ttagcataat ttctgtctct agagtgcttt 60
acactctagt aggggctgta cccqggcggt cccactcttc acaggaatct gcacaggtgg 120
ctttcacctc tggacagtgc attccatacc cgctccacaa/tagaagatga tgtatatctt 180
tgtttgtgaa atgctcatga aacgtgtgtg taggcgtagc/ggctacttga atgccagcgg、240
                                                                    264
aacccccta gtggtaacac tagc
<210> 4
<211> 179
<212> PRT
<213> Picornaviridae
<400> 4
Lys Asp Leu Met Glu Ile Ala Arg Met Pro Ser Val Tyr Lys Gly Glu
                                                          15
 1
                  5
                                      10:
Arg Thr Glu Pro Gly Gly Thr Asn Gly Tyr Phe Gln Trp Ser His Thr
             20
                                                      30
                                             le His Leu Glu Asp
His Ser Pro Ile Asn Trp Val Phe Ash
                                    Gly Gly
                                                  45
         35
                              40
Met Pro Asn Leu Asn Leu Phe Ser Ser Ays Tyz Asn Tyr Trp Arg Gly
     50
                         55
Ser Thr Val Leu Lys Leu Thr Val Tyr Ala Ser Thr Phe Asn Lys Gly
 65
                     70
                                          75
Arg Leu Arg Met Ala Phe Phe Pro Ile Met Met Gln Gly Thr Gln Arg
                                      90
                 85
```

Lys Lys His Lys Cys Leu Phe Met Val Cys Asp Ile tly Leu Asn Asn 100 105 110

Thr Phe Glu Met Thr Ile Pro Tyr Thr Trp Gly Asr Trp Met Arg Pro 115 120 125

Thr Arg Gly Ser Val Ile Gly Trp Leu Arg Ile Asp Val Leu Asn Arg 130 135 140

Leu Thr Tyr Asn Ser Ser Ser Pro Asn Ala Val Asn Cys Ile Leu Gln
145 150 155 160

Val Lys Met Gly Asn Asp Ala Lys Phe Met Val \int Pro Thr Thr Ser Asn 165 170 175

Ile Val Trp

3